

**Amendment to the Claims:** This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims**

1-6. (*Cancelled*)

7. (*Currently Amended*) An isolated monoclonal antibody against the hTSH receptor wherein said ~~antibodies-antibody~~ blocks the binding of TSH and/or stimulating autoantibodies with the hTSH receptor, and wherein said ~~antibodies-antibody~~ recognize a short peptide specifically binds to an epitope comprising sequence of the hTSH receptor which comprises the amino acids sequence FDSH (Phe-Asp-Ser-His amino acids 381-384 of the hTSH receptor).

8. (*cancelled*)

9. (*Currently amended-Allowed*) ~~The~~ An isolated monoclonal antibody according to ~~claim 7~~ wherein said antibody is produced from one of the hybridoma cells deposited under the designations 4E9/B2/C1 (DSM ACC2389); 4C1/E1/G8 (DSM ACC2390); 1b1/E10/B11/C12 (DSM ACC2391); 7E3/F8/E3 (DSM ACC2392); 3H10/A11/A1 (DSM ACC2393) at DSMZ, Braunschweig, according to the Budapest Treaty on 19.2.1999.

10-13. (*cancelled*)